

# Enerflex in action

**Dawson Creek, British Columbia, Canada**

## 200 MMSCFD two-phase sour gas processing facility

Enerflex was awarded this project due to our single source capability.

Driven by the continued development of the Montney gas play, this large two-phase sour gas processing facility was constructed to process raw natural gas from the South Peace region to meet the extensive scope and timing of the customers' processing needs. Enerflex engineered, designed, and manufactured a double-train gas processing plant. Phase 1 featured a 100 MMSCFD hydrocarbon dew point plant, amine plant, inlet separator, electric motor drive vapour recovery compression package, acid gas dehydration package, 1,150 HP electric motor drive acid gas compression package, and condensate stabilizer package. In the second phase, Enerflex provided an additional 100 MMSCFD amine plant and hydrocarbon dew point plant.



## Outcome

Enerflex was awarded the process modules on the basis of the Company's manufacturing capability and commitment to exceeding the delivery times. Raw natural gas is processed at the plant, meaning that CO<sub>2</sub>, natural gas liquids, and H<sub>2</sub>S are extracted. The H<sub>2</sub>S and CO<sub>2</sub> removed at the plant are blended with plant inlet gas, and transported to the South Peace Pipeline for further processing at the McMahon gas plant. The processed sales gas is then transported via a short sales gas pipeline to the Nova Gas Transmission Groundbirch Pipeline.